



## **Carbon based initiators for polymerization and telomerization of vinyl monomers**

**Description of Technology:** This invention concerns a polymerization or telomerization process for preparing polymers or telomers from vinyl monomers comprising polymerizing or telomerizing vinyl monomers in the presence of an initiator comprising a fluorinated carbon and in the optional presence of a solvent.

### **Patent Listing:**

1. **US Patent No. 5,459,212**, Issued on October 17, 1995, "Carbon based initiators for polymerization and telomerization of vinyl monomers."

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetacgi%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=5,459,212.PN.&OS=PN/5,459,212&RS=PN/5,459,212>

**Market Potential:** Polymers produced by the polymerization process described in the patent are useful as water repellants and materials with high temperature resistance. Telomers produced are useful as intermediates in the production of chemically inert and temperature resistant materials.

### **Benefits:**

- Telomers produced are useful as intermediates in certain productions

### **Applications:**

- Water repellants.
- Materials with high temperature resistance.
- Production of chemically inert and temperature resistant materials.

### **Contact:**

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